



--ABSTRACT OF THE DISCLOSURE

A device for taking a sample from a body may include a needle and a cannula for taking a sample, slides connected to springs for priming the needle and the cannula, a control button for bringing the slides to a rearward position against the force of springs so as to prime the needle and the cannula, and a trigger mechanism. The slides may have limit stops that are transversely offset with respect to one another. The control button includes a lug that can be moved transversely under the action of a displacement device and acts sequentially on the offset limit stops so as to bring the slides one after the other to the rearward position.--